Contemporary Physics, 1995, volume 36, number 6, page 459

Author index

ALBROW, M. G., The top quark, 29
ANDERSON, D. L. T., The tropical ocean global atmosphere programme, 245
ANNETT, J. F., Unconventional superconductivity, 423

ELLIS, R. S., Essay review: The Big Bang for beginners, 357
ELLIS, R. S., Hubble Space Telescope observations of distant galaxies, 411

GIBBONS, G. W., Essay review: Knots and quantum gravity, 355
GRIFFIN, M. J., Essay review: Science for the layman, 115

HAMMOND, R. T., New fields in general relativity, 103
HARRIS, M., Light-field fluctuations in space and time, 215
HODGSON, P. E., Essay review: The ultimate technological fix? 197
HOLSTEIN, B. R., The Aharonov–Bohm effect and variations, 93
HUGHES, R. J., ALDE, D. M., DYER, P., LUTHER, G. G., MORGAN, G. L. and SCHAUER, M., Quantum cryptography, 149

ISENBERG, C., Essay review: The physics of bubbles, 443

JACOBS, J. A., The Earth's magnetic field, 267
JOHNSON, N. F., Electron correlations in mesoscopic structures, 377

KEESING, R. G., Essay review: Newton's Alchemy, 117
KERNER, E. H., How certain is the uncertainty principle? 329

LETOKHOV, V. S., Laser Maxwell's demon, 235

MAARTENS, R., Essay review: The story of Black Holes, 49
MACGILLIVRAY, W. R., The role of resonant laser radiation in completely determining electron–atom collision parameters, 1
MARTIN, A. D., The structure of the proton, 335
MASON, B. J., Predictions of climate changes caused by man-made emissions of greenhouse gases: a critical assessment, 299

PHOENIX, S. J. D. and TOWNSEND, P. D., Quantum cryptography: how to beat the code breakers using quantum mechanics, 165

QUENBY, J. J., Essay review: The state of high-energy astrophysics, 439

SCHUMACHER, R. T. and WOODHOUSE, J., Computer modelling of violin playing, 79
SHORE, B. W., Examples of counter-intuitive physics, 15

TAYLER, R. J., Helium in the Universe, 37

WAXMAN, D., Impact of computer algebra on physics, 321
WILLSTROP, R. V., New developments in telescope design, 389
WÓDKIEWICZ, K., Non-local and local ghost fields in quantum correlations, 139

Contemporary Physics, 1995, volume 36, number 6, pages 460–462

Books reviewed: author index

The index is by first-named author only. BR–book review; ER–essay review; SN–short notice; VR–video review.

Abas, S. J., *Symmetries of Islamic geometrical patterns*, (BR), 371
Adams, B. G., *Algebraic approach to simple quantum systems*, (BR), 121
Ali, A., *World scientific series in 20th Century physics. Vol. 5*, (SN), 456
Ambrosetti, A., *A primer of nonlinear analysis*, (BR), 122
Atkins, P. W., *Physical chemistry*, (SN), 455
Atmanspacher, H., *Inside versus outside ...*, (BR), 129

Baez, J. C., *Knots and quantum gravity*, (BR), 355
Bailin, D., *Supersymmetric gauge field theory and string theory*, (BR), 453
Barrow, J. D., *The origin of the universe*, (ER), 357
Bertsch, G. F., *Oscillations in finite quantum systems*, (BR), 64
Bhattacharya, P., *Properties of lattice-matched and strained indium gallium arsenide*, (BR), 207
Biskamp, D., *Nonlinear magnetohydrodynamics*, (BR), 63
Botez, D., *Diode laser arrays*, (BR), 202
Braben, D., *To be a scientist*, (BR), 74
Brackx, F., *Clifford algebras and applications in mathematical physics. Deinze, 1993*, (BR), 281
Brink, D. M., *Angular momentum*, (BR), 53
Brown, G. E., *Selected papers with commentary, of Tony Hilton Royle Skyrme*, (BR), 289
Brown, S. C., *Basic data of plasma physics*, (BR), 280
Burcham, W. E., *Nuclear and particle physics*, (BR), 285
Burshtein, A. I., *Spectroscopy of molecular rotation in gas and liquids*, (BR), 68
Byrne, J., *Neutrons, nuclei and matter*, (BR), 366

Capper, P., *Properties of narrow gap cadmium-based components*, (BR), 133
Carrington, G., *Basic thermodynamics*, (BR), 122
Close, F., *The particle explosion*, (BR), 71
Colbourn, E. A., *Computer simulation of polymers*, (BR), 55
Cowley, C. R., *An introduction to cosmochemistry*, (BR), 279
Craven, A. J., *Electron microscopy and analysis 1993*, (BR), 283
Csernai, L. P., *Introduction to relativistic heavy ion collisions*, (BR), 59
Cutnell, J. D., *Physics*, (BR), 368

Darling, R. W. R., *Differential forms and connections*, (BR), 364
Das, A., *Field theory, A path integral approach*, (BR), 447
Davies, G., *Properties and growth of diamond*, (BR), 66
Day, P., *The candle revisited*, (BR), 209
De Notaristefani, F., *Heavy scintillators for scientific and industrial applications*, (BR), 58
d'Inverno, R., *Approaches to numerical relativity*, (BR), 359
Dittrich, W., *Classical and quantum dynamics from classical paths to path integrals*, (BR), 124

Ekspong, G., *The Oskar Klein memorial lectures, vol. 2*, (BR), 292
Emanuel, K. A., *Atmospheric convection*, (BR), 445
Esposito, G., *Quantum gravity, quantum cosmology and Lorentzian geometries*, (BR), 207

Farid, B., *Correlated electron systems, vol. 9*, (BR), 121
Franco, J., *Numerical simulations in astrophysics*, (BR), 367
Frank, C., *The Farm Hall Transcripts*, (BR), 69
Franklin, A., *The rise and fall of the fifth force*, (BR), 72
Frommhold, L., *Collision-induced absorption in gases*, (BR), 55
Fujita, F. E., *Physics of new materials*, (BR), 369

Galperin, B., *Large eddy simulation of complex engineering flows*, (BR), 60
Gardner, J. W., *Microsensors*, (BR), 62
Gedde, U. W., *Polymer physics*, (BR), 451
Gibbs, W. R., *Computation in modern physics*, (BR), 446
Gilbert, J., *Large-scale matrix problems and the numerical solution of PDEs*, (BR), 365
Goeke, K., *Contemporary topics in medium energy physics*, (BR), 362
Goles, E., *Cellular automata, dynamical systems and neural networks*, (BR), 361
Gorelik, G. E., *M. P. Bronstein and Soviet physics in the Thirties*, (SN), 455
Gray, P., *Chemical oscillations and instabilities*, (BR), 124
Greiner, W., *Quantum mechanics*, (BR), 370
Grimmett, G., *Probability and phase transition*, (BR), 287
Gubanov, V. A., *Electronic structure of refractory carbides and nitrides*, (SN), 454
Gutfreund, H., *Advanced series in neuroscience, Vol. 3 Biology and computation*, (SN), 454

Hale, P., *Supercollider 5*, (SN), 456
Halliwell, J. J., *Physical origins of time asymmetry*, (BR), 65
Hart, P. A. H., *Bipolar and bipolar-MOS integration*, (BR), 280
Hartmann, W. K., *Astronomy: The cosmic journey*, (BR), 201
Henneaux, M., *Quantization of gauge systems*, (BR), 452
Heyde, K. L. G., *The nuclear shell model.* Study edition, (BR), 292
Hilborn, R. C., *Chaos and nonlinear dynamics*, (BR), 361
Hilgevoord, J., *Physics and our view of the world*, (BR), 450
Holtet, J. A., *Physical signatures of magnetospheric boundary layer processes*, (BR), 286
Huggett, S. A., *An introduction to Twistor theory*, (BR), 53
Hunsperger, R. C., *Photonic devices and systems*, (BR), 449

Iga, K., *Fundamentals of laser optics*, (BR), 57
Institute of Physics, *Research fields in physics*, (BR), 287

Jennison, B., *Wonder and delight*, (BR), 294
Jordan, D. W., *Mathematical techniques*, (BR), 130

Kahn, O., *Molecular magnetism*, (BR), 206
Kaku, M., *Quantum field theory, a modern introduction*, (BR), 369
Kapusta, J. I., *Finite-temperature field theory*, (BR), 62
Karttunen, H., *Fundamental astronomy*, (BR), 126
Kovalevsky, J., *The protection of astronomical and geophysical sites*, (BR), 71
Krantz, S. G., *How to teach mathematics: A personal perspective*, (BR), 364
Kroto, H. W., *The Fullerenes. New horizons for the chemistry, physics and astrophysics of carbon*, (BR), 211
Kuiken, G. D. C., *Thermodynamics of irreversible processes*, (BR), 293
Kullander, S., *Out of sight!: From quarks to living cells*, (BR), 115
Kuo, F.-S., *Low-latitude ionospheric physics*, (BR), 61

Lemaitre, J., *Mechanics of solid materials*, (BR), 131
Lisitsa, V. S., *Atoms in plasmas*, (BR), 360
Longair, M. S., *High energy astrophysics Vol. 2*, (BR), 128
Lovett, D., *Demonstrating science with soap films*, (ER), 443
Luckhurst, G. R., *The molecular dynamics of liquid crystals*, (BR), 70

Mailloux, R. J., *Phased array antenna handbook*, (BR), 65
Malin, D. F., *A view to the universe*, (BR), 201
Maraviglia, B., *Nuclear magnetic double resonance*, (BR), 285
Markvart, T., *Solar electricity*, (BR), 291
Matthews, J. M., *High energy astrophysics, models and observations from MeV to EeV*, (ER), 439
Meijer, G. C. M., *Thermal sensors*, (BR), 372
Miron, R., *The geometry of Lagrange spaces. Theory and applications*, (BR), 70
Monch, W., *Semiconductor surfaces and interfaces*, (BR), 68
Montvay, I., *Quantum fields on a lattice*, (BR), 68
Moore, W., *A life of Edwin Schrodinger*, (BR), 122
Morton, K. W., *Numerical solution of partial differential equations*, (BR), 368

Nerlich, G., *What spacetime explains*, (BR), 211
Nilsson, S. G., *Shapes and shells in nuclear structure*, (BR), 453
Nishikawa, K., *Plasma physics. Basic theory with fusion applications*, (BR), 133

Pang, Y., *Particle physics at the Fermi scale*, (BR), 132
Parker, B., *Stairway to the stars; the story of the world's largest observatory*, (BR), 370
Peak, D., *Chaos under control*, (BR), 54
Perina, J., *Quantum optics and fundamentals of physics*, (BR), 208
Physics Curriculum, *Physics demonstrations in electricity and magnetism. Parts 1, 2, 3*, (VR), 135
Physics Curriculum, *Physics demonstrations in heat. Parts 1, 2, 3*, (VR), 75

Rajsuman, R., *Iddq testing for CMOS VLSI*, (BR), 365
Rees, W. G., *Physics by example: 200 problems and solutions*, (BR), 66
Reimer, L., *Transmission electron microscopy*, (BR), 135
Remoissenet, M., *Waves called solitons: Concepts and experiments*, (BR), 75
Resnick, R., *Physics*, (BR), 133
Richert, R., *Disorder effects on relaxation processes*, (BR), 203
Ristic, L., *Sensor technology and devices*, (BR), 290
Robinson, A. R., *Oceanography and acoustics*, (BR), 448
Rohlf, J. W., *Modern physics from alpha to Z^0*, (BR), 366
Rubinstein, I., *Partial differential equations in classical mathematical physics*, (BR), 64
Rupprecht, H. S., *Gallium arsenide and related compounds 1993*, (SN), 455
Ryu, S., *Coherent lightwave communication systems*, (BR), 362

Sagan, S. D., *The limits of safety: organisations, accidents and nuclear weapons*, (BR), 134
Scharf, G., *From electrostatics to optics, A concise electrodynamics course*, (BR), 125
Scharf, G., *From electrostatics to optics: A concise electrodynamics course*, (BR), 204
Schlessinger, M., *Infrared technology fundamentals*, (BR), 448
Schwarz, A. S., *Topology for physicists. Comprehensive studies in mathematics*, (BR), 293
Seeds, M. A., *Foundations of astronomy*, (BR), 125
Seeds, M. A., *Horizons*, (BR), 58
Shekhtman, V. Sh, *The real structure of high T_c superconductors*, (SN), 135
Sherratt, M., *Galileo*, (BR), 205
Shimony, A., *Search for a naturalistic world view, Vol. 2, Natural science & metaphysics*, (BR), 67
Shimony, A., *Search for a naturalistic world view, Vol. 1, Scientific method & epistemology*, (BR), 67
Simon, B., *The statistical mechanics of lattice gases. Vol. 1*, (BR), 73
Smirnov, B. M., *Reviews of plasma chemistry. Vol. 2*, (BR), 288
Stannard, R., *Uncle Albert and the quantum quest*, (BR), 74
Stephens, P. W., *Physics and chemistry of fullerenes. A reprint collection*, (BR), 286
Sternberg, S., *Group theory and physics*, (BR), 128
Stratonovich, R. L., *Nonlinear nonequilibrium thermodynamics II*, (BR), 63
Sutton, A. P., *Electronic structure of materials*, (BR), 203

Tayler, R. J., *The stars: Their structure and evolution*, (BR), 372
Teeter Dobbs, B. J., *The Janus faces of genius*, (ER), 117
Thompson, W. J., *Angular momentum*, (BR), 279
Thorne, K. S., *Black holes and time warps: Einstein's outrageous legacy*, (ER), 49
Thrower, P. A., *Chemistry and physics of carbon, vol. 24*, (BR), 54
Tran Thanh Van, J., *'93 Electroweak interactions and unified theories*, (BR), 56
Tredgold, R. H., *Order in thin organic films*, (BR), 131

Uzunov, D. I., *Introduction to the theory of critical phenomena*, (BR), 129

Vainshtein, B. K., *Fundamentals of crystals: Symmetry and methods of structural crystallography*, (BR), 127

Wada, O., *Optoelectronic integration: Physics, technology and applications*, (BR), 449
Wade, G., *Signal coding and processing*, (BR), 209
Walker, G., *Low-capacity cryogenic refrigeration*, (BR), 130
Walls, D. F., *Quantum optics*, (BR), 208
Weinberg, A. M., *The first nuclear era; The life and times of a technological fixer*, (ER), 197
Weinberg, S., *The discovery of subatomic particles*, (BR), 210
Westbrook, M. H., *Automotive sensors*, (BR), 445
Wiesendanger, R., *Scanning probe microscopy and spectroscopy: Methods and applications*, (BR), 288
Wreszinski, W. F., *Disorder and competition in soluble lattice models*, (BR), 56
Wright, J. D., *Molecular crystals*, (BR), 284

York, H. F., *Arms and the physicist*, (BR), 359

Contemporary Physics, 1995, volume 36, number 6, pages 463–465

Books reviewed: title index

The index is by first-named author only. BR–book review; ER–essay review; SN–short notice; VR–video review.

A primer of nonlinear analysis, A. Ambrosetti, (BR), 122
A life of Edwin Schrodinger, W. Moore, (BR), 122
A view of the universe, D. F. Malin, (BR), 201
Advanced series in neuroscience, Vol. 3 Biology and computation, H. Gutfreund, (SN), 454
Algebraic approach to simple quantum systems, B. G. Adams, (BR), 121
An introduction to Twistor theory, S. A. Huggett, (BR), 53
An introduction to cosmochemistry, C. R. Cowley, (BR), 279
Angular momentum, D. M. Brink, (BR), 53
Angular momentum, W. J. Thompson, (BR), 279
Approaches to numerical relativity, R. d'Inverno, (BR), 359
Arms and the physicist, H. F. York, (BR), 359
Astronomy: The cosmic journey, W. K. Hartmann, (BR), 201
Atmospheric convection, K. A. Emanuel, (BR), 445
Atoms in plasmas, V. S. Lisitsa, (BR), 360
Automotive sensors, M. H. Westbrook, (BR), 445

Basic data of plasma physics, S. C. Brown, (BR), 280
Basic thermodynamics, G. Carrington, (BR), 122
Bipolar and bipolar-MOS integration, P. A. H. Hart, (BR), 280
Black holes and time warps: Einstein's outrageous legacy, K. S. Thorne, (ER), 49

Cellular automata, dynamical systems and neural networks, E. Goles, (BR), 361
Chaos and nonlinear dynamics, R. C. Hilborn, (BR), 361
Chaos under control, D. Peak, (BR), 54
Chemical oscillations and instabilities, P. Gray, (BR), 124
Chemistry and physics of carbon, vol. 24, P. A. Thrower, (BR), 54
Classical and quantum dynamics from classical paths to path integrals, W. Dittrich, (BR), 124
Clifford algebras and applications in mathematical physics. Deinze, 1993, F. Brackx, (BR), 281
Coherent lightwave communication systems, S. Ryu, (BR), 362
Collision-induced absorption in gases, L. Frommhold, (BR), 55
Computation in modern physics, W. R. Gibbs, (BR), 446
Computer simulation of polymers, E. A. Colbourn, (BR), 55
Contemporary topics in medium energy physics, K. Goeke, (BR), 362
Correlated electron systems, vol. 9, B. Farid, (BR), 121

Demonstrating science with soap films, D. Lovett, (ER), 443
Differential forms and connections, R. W. R. Darling, (BR), 364
Diode laser arrays, D. Botez, (BR), 202
Disorder and competition in soluble lattice models, W. F. Wreszinski, (BR), 56
Disorder effects on relaxation processes, R. Richert, (BR), 203

Electron microscopy and analysis 1993, A. J. Craven, (BR), 283
Electronic structure of materials, A. P. Sutton, (BR), 203
Electronic structure of refractory carbides and nitrides, V. A. Gubanov, (SN), 454

Field theory, A path integral approach, A. Das, (BR), 447
Finite-temperature field theory, J. I. Kapusta, (BR), 62
Foundations of astronomy, M. A. Seeds, (BR), 125
From electrostatics to optics, A concise electrodynamics course, G. Scharf, (BR), 125
From electrostatics to optics: A concise electrodynamics course, G. Scharf, (BR), 204
Fundamental astronomy, H. Karttunen, (BR), 126
Fundamentals of crystals: Symmetry and methods of structural crystallography, B. K. Vainshtein, (BR), 127
Fundamentals of laser optics, K. Iga, (BR), 57

Galileo, M. Sherratt, (BR), 205
Gallium arsenide and related compounds 1993, H. S. Rupprecht, (SN), 455
Group theory and physics, S. Sternberg, (BR), 128

Heavy scintillators for scientific and industrial applications, F. De Notaristefani, (BR), 58
High energy astrophysics, Vol. 2, M. S. Longair, (BR), 128
High energy astrophysics, models and observations from MeV to EeV, J. M. Matthews, (ER), 439
Horizons, M. A. Seeds, (BR), 58
How to teach mathematics: A personal perspective, S. G. Krantz, (BR), 364

Iddq testing for CMOS VLSI, R. Rajsuman, (BR), 365
Infrared technology fundamentals, M. Schlessinger, (BR), 448
Inside versus outside ..., H. Atmanspacher, (BR), 129
Introduction to relativistic heavy ion collisions, L. P. Csernai, (BR), 59
Introduction to the theory of critical phenomena, D. I. Uzunov, (BR), 129

Knots and quantum gravity, J. C. Baez, (BR), 355

Large eddy simulation of complex engineering flows, B. Galperin, (BR), 60
Large-scale matrix problems and the numerical solution of PDEs, J. Gilbert, (BR), 365
Low-capacity cryogenic refrigeration, G. Walker, (BR), 130
Low-latitude ionospheric physics, F.-S. Kuo, (BR), 61

Mathematical techniques, D. W. Jordan, (BR), 130
Mechanics of solid materials, J. Lemaitre, (BR), 131
Microsensors, J. W. Gardner, (BR), 62

Modern physics from alpha to Z^0, J. W. Rohlf, (BR), 366
Molecular crystals, J. D. Wright, (BR), 284
Molecular magnetism, O. Kahn, (BR), 206
M. P. Bronstein and Soviet physics in the Thirties, G. E. Gorelik, (SN), 455

Neutrons, nuclei and matter, J. Bryne, (BR), 366
Nonlinear magnetohydrodynamics, D. Biskamp, (BR), 63
Nonlinear nonequilibrium thermodynamics II, R. L. Stratonovich, (BR), 63
Nuclear and particle physics, W. E. Burcham, (BR), 285
Nuclear magnetic double resonance, B. Maraviglia, (BR), 285
Numerical simulations in astrophysics, J. Franco, (BR), 367
Numerical solution of partial differential equations, K. W. Morton, (BR), 368

Oceanography and acoustics, A. R. Robinson, (BR), 448
Optoelectronic integration: Physics, technology and applications, O. Wada, (BR), 449
Order in thin organic films, R. H. Tredgold, (BR), 131
Oscillations in finite quantum systems, G. F. Bertsch, (BR), 64
Out of sight!: From quarks to living cells, S. Kullander, (ER), 115

Partial differential equations in classical mathematical physics, I. Rubinstein, (BR), 64
Particle physics at the Fermi scale, Y. Pang, (BR), 132
Phased array antenna handbook, R. J. Mailloux, (BR), 65
Photonic devices and systems, R. C. Hunsperger, (BR), 449
Physical chemistry, P. W. Atkins, (SN), 455
Physical origins of time asymmetry, J. J. Halliwell, (BR), 65
Physical signatures of magnetospheric boundary layer processes, J. A. Holtet, (BR), 286
Physics, J. D. Cutnell, (BR), 368
Physics, R. Resnick, (BR), 133
Physics and chemistry of fullerenes. A reprint collection, P. W. Stephens, (BR), 286
Physics and our view of the world, J. Hilgevoord, (BR), 450
Physics by example: 200 problems and solutions, W. G. Rees, (BR), 66
Physics demonstrations in electricity and magnetism. Parts 1, 2, 3, Physics Curriculum, (VR), 135
Physics demonstrations in heat. Parts 1, 2, 3, Physics curriculum (VR), 75
Physics of new materials, F. E. Fujita, (BR), 369
Plasma physics. Basic theory with fusion applications, K. Nishikawa, (BR), 133
Polymer physics, U. W. Gedde, (BR), 451
Probability and phase transition, G. Grimmett, (BR), 287
Properties and growth of diamond, G. Davies, (BR), 66
Properties of lattice-matched and strained indium gallium arsenide, P. Bhattacharya, (BR), 207
Properties of narrow gap cadmium-based components, P. Capper, (BR), 133

Quantization of gauge systems, M. Henneaux, (BR), 452
Quantum field theory, a modern introduction, M. Kaku, (BR), 369
Quantum fields on a lattice, I. Montvay, (BR), 68
Quantum gravity, quantum cosmology and Lorentzian geometries, G. Esposito, (BR), 207
Quantum mechanics: Symmetries, W. Greiner, (BR), 370
Quantum optics, D. F. Walls, (BR), 208
Quantum optics and fundamentals of physics, J. Perina, (BR), 208

Research fields in physics, Institute of Physics, (BR), 287
Reviews of plasma chemistry. Vol. 2, B. M. Smirnov, (BR), 288

Scanning probe microscopy and spectroscopy: Methods and applications, R. Wiesendanger, (BR), 288
Search for a naturalistic world view, Vol. 2, Natural science & metaphysics, A. Shimony, (BR), 67
Search for a naturalistic world view, Vol. 1, Natural science & epistemology, A. Shimony, (BR), 67
Selected papers with commentary, of Tony Hilton Royle Skyrme, G. E. Brown, (BR), 289
Semiconductor surfaces and interfaces, W. Monch, (BR), 68
Sensor technology and devices, L. Ristic, (BR), 290
Shapes and shells in nuclear structure, S. G. Nilsson, (BR), 453
Signal coding and processing, G. Wade, (BR), 209
Solar electricity, T. Markvart, (BR), 291
Spectroscopy of molecular rotation in gas and liquids, A. I. Burshtein, (BR), 68
Stairway to the stars; the story of the world's largest observatory, B. Parker, (BR), 370
Supercollider 5, P. Hale, (SN), 456
Supersymmetric gauge field theory and string theory, D. Bailin, (BR), 453
Symmetries of Islamic geometrical patterns, S. J. Abas, (BR), 371

The Farm Hall Transcripts, C. Frank, (BR), 69
The Fullerenes. New horizons for the chemistry, physics and astrophysics of carbon, H. W. Kroto, (BR), 211
The Janus faces of genius, B. J. Teeter Dobbs, (BR), 117
The Oskar Klein memorial lectures, Vol. 2, G. Ekspong, (BR), 292
The candle revisited, P. Day, (BR), 209
The discovery of subatomic particles, S. Weinberg, (BR), 210
The first nuclear era; The life and times of a technological fix, A. M. Weinberg, (ER), 197
The geometry of Lagrange spaces. Theory and applications, R. Miron, (BR), 70
The limits of safety: organisations, accidents and nuclear weapons, S. D. Sagan, (BR), 134
The molecular dynamics of liquid crystals, G. R. Luckhurst, (BR), 70
The nuclear shell model. Study edition, K. L. G. Heyde, (BR), 292
The origin of the Universe, J. D. Barrow, (ER), 357
The particle explosion, F. Close, (BR), 71
The protection of astronomical and geophysical sites, J. Kovalevsky, (BR), 71
The real structure of high T_c superconductors, V. Sh. Shekhtman, (SN), 135
The rise and fall of the fifth force, A. Franklin, (BR), 72
The stars: Their structure and evolution, R. J. Tayler, (BR), 372
The statistical mechanics of lattice gases. Vol. 1, B. Simon, (BR), 73
Thermal sensors, G. C. M. Meijer, (BR), 372

Thermodynamics of irreversible processes, G. D. C. Kuiken, (BR), 293
To be a scientist, D. Braben, (BR), 74
Topology for physicists. Comprehensive studies in mathematics, A. S. Schwarz, (BR), 293
Transmission electron microscopy, L. Reimer, (BR), 135

Uncle Albert and the quantum quest, R. Stannard, (BR), 74

Waves called solitons: Concepts and experiments, M. Remoissenet, (BR), 75
What spacetime explains, G. Nerlich, (BR), 211
Wonder and delight, B. Jennison, (BR), 294
World scientific series in 20th Century physics. Vol. 5, A. Ali, (SN), 456
'93 Electroweak interactions and unified theories, J. Tran Thanh Van, (BR), 56